

~~DENR USE ONLY~~ ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No)

Doc/Event #:

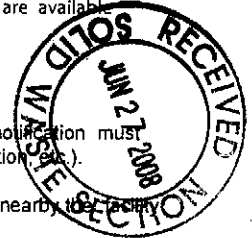
NC DENR  
Division of Waste Management - Solid Waste

## Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

### Instructions:

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.



### Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Martin County Landfill

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Environmental I, Steve Jones Phone: 252 756-6208

E-mail: \_\_\_\_\_

| Facility name:            | Facility Address:                           | Facility Permit # | NC Landfill Rule:<br>(.0500 or .1600) | Actual sampling dates (e.g.,<br>October 20-24, 2006) |
|---------------------------|---|-------------------|---------------------------------------|--|
| Martin County<br>Landfill | 1445 Landfill Road<br>Williamston, NC 27892 | 5901              | .1600                                 | 5-27-08  |

### Environmental Status: (Check all that apply)

- ☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

### Type of data submitted: (Check all that apply)

- ☒ Groundwater monitoring data from monitoring wells ☐ Methane gas monitoring data  
☐ Groundwater monitoring data from private water supply wells ☐ Corrective action data (specify) \_\_\_\_\_  
☐ Leachate monitoring data ☐ Other(specify) \_\_\_\_\_  
☒ Surface water monitoring data

### Notification attached?

- ☐ No. No groundwater or surface water standards were exceeded.  
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.  
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

### Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

James R. Jenkins

Supervisor

252 792-1240

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Signature

6-25-08

Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

# Table of Values Which Exceed Established Standards And/Or Exceed Reporting Levels

Facility Name: MARTIN COUNTY LANDFILL

Permit #: 5901

Lab ID# 6023

| Location | Collection Date | Exceeds Std | Parameter              | CAS #     | Result, ug/l | NC 2L STD ** | NC GWP STD ** | NC 2B SWS ** |
|----------|-----------------|-------------|------------------------|-----------|--------------|--------------|---------------|--------------|
| SW-1     | 05/27/2008      |             | Zinc                   | 7440-66-6 | 21           |              |               |              |
| SW-1     | 05/27/2008      |             | Toluene                | 108-88-3  | 1.10         |              |               | 11           |
| SW-2     | 05/27/2008      |             | Zinc                   | 7440-66-6 | 32           |              |               |              |
| SW-3     | 05/27/2008      |             | Barium                 | 7440-39-3 | 184          |              |               |              |
| SW-3     | 05/27/2008      |             | Copper                 | 7440-50-8 | 11           |              |               |              |
| SW-3     | 05/27/2008      |             | Total Chromium         | 7440-47-3 | 13           |              |               | 50           |
| SW-3     | 05/27/2008      |             | Lead                   | 7439-92-1 | 25           |              |               | 25           |
| SW-3     | 05/27/2008      |             | Zinc                   | 7440-66-6 | 137          |              |               |              |
| Well #2  | 05/27/2008      |             | Barium                 | 7440-39-3 | 204          |              |               | 2000         |
| Well #2  | 05/27/2008      |             | Beryllium              | 7440-41-7 | 2            |              |               | 4            |
| Well #2  | 05/27/2008      | Y           | Benzene                | 71-43-2   | 1.30         |              | 1             |              |
| Well #3  | 05/27/2008      |             | Barium                 | 7440-39-3 | 194          |              |               | 2000         |
| Well #3  | 05/27/2008      |             | Zinc                   | 7440-66-6 | 17           |              |               | 1050         |
| Well #3  | 05/27/2008      |             | Cis-1,2-Dichloroethene | 156-59-2  | 41.00        |              | 70            |              |
| Well #3  | 05/27/2008      | Y           | Benzene                | 71-43-2   | 1.50         |              | 1             |              |
| Well #4  | 05/27/2008      |             | Arsenic                | 7440-38-2 | 39           |              | 50            |              |
| Well #4  | 05/27/2008      |             | Barium                 | 7440-39-3 | 142          |              | 2000          |              |
| Well #4  | 05/27/2008      | Y           | Vinyl Chloride         | 75-01-4   | 5.50         |              | 0.015         |              |
| Well #4  | 05/27/2008      | Y           | Benzene                | 71-43-2   | 3.90         |              | 1             |              |
| Well #4  | 05/27/2008      |             | Chlorobenzene          | 108-90-7  | 7.70         |              | 50            |              |
| Well #4  | 05/27/2008      |             | Ethylbenzene           | 100-41-4  | 1.30         |              | 550           |              |
| Well #4  | 05/27/2008      | Y           | 1,4-Dichlorobenzene    | 106-46-7  | 4.70         |              | 1.4           |              |
|          |                 |             |                        |           |              |              |               |              |
|          |                 |             |                        |           |              |              |               |              |
|          |                 |             |                        |           |              |              |               |              |

\*\* Note: NC 2L STD = NC 2L Ground Water Standard  
NC GWP STD = NC Solid Waste Groundwater Protection Standard  
NC 2B SWS = NC 2B Surface Water Standard